NC/QC/PYNK/2021-22/PMC

Date: 26-08-2022

To,
The Executive Engineer,
Yelahanka Project Division,
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 01 & 03 Parks in Yelahanka Assembly Constituency

Item No	Description of work	Unit	Qty	Remarks
1	Eartwork excavation for foundation of buildings,water supply,sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary	Cum	155.57	Work done upto the Billed Quantity and the Quality is Satisfactory
2	KSRB 4-6.1: Provding and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns	Sqm	447.12	Work done upto the Billed Quantity and the Quality is Satisfactory
3	KSRRB .:Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40 mm and down size graded granite metal machine mixed,concrete laid	Cum	9.68	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Providing T.M.T steel reinforcement for R.C.C work including straightening,cutting ,bending ,hooking,placing in position,lapping and/or welding	Kgs	5015.12	Work done upto the Billed Quantity and the Quality is Satisfactory
5	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal	Cum	111.77	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Supplying, and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and mounted on Octagonal pole using necessary bolts, nuts	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti	Nos	60.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
10	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	1134.00	Work done upto the Billed Quantity and the Quality is Satisfactory
11	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	2465.00	Work done upto the Billed Quantity and the Quality is Satisfactory
12	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	340.00	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 25 sqmm	Mtrs	1134.00	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 25 sqmm	Mtrs	2805.00	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-	Mtrs	2880.00	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or	Mtrs	5400.00	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than .25mm on pole/wall/drain crossing with necessary clamping arrangements for UG	Mtrs	54.00	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals,	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	1200.00	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
22	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.600x600x3mm Copper plate	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
23	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and	Mtrs	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
24	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation,	Sqm	210000.00	Work done upto the Billed Quantity and the Quality is Satisfactory
25	Supplying and fixing Moulded Case Circuit Breaker (MCCB)over the existing wood/panel board using necessary screws,bolts, nuts, necessary phase	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
26	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	60.00	Work done upto the Billed Quantity and the Quality is Satisfactory
28	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.25x3mm Copper strip	Mtrs	73.00	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per	Nos	72.00	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps	Nos	18.00	Work done upto the Billed Quantity and the Quality is Satisfactory
31	Supplying and fixing of Spiral Earth Electrodes as per standard technical specification as per ESCOM.	Each	151.00	Work done upto the Billed Quantity and the Quality is Satisfactory
32	Erection of steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail,27.22 kg (60 Lbs) Rail I Beam of sizes 200x100mm, 175x90 mm, 125x100mm. Fabricates	Each	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory
33	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Each	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory
34	Hiring of 35 tons capacity Crane for releasing and refixing of High Mast	Hour	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
35	Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
36	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 80x120mm with 3 MM thickness, with attached bent at	Nos	31.00	Work done upto the Billed Quantity and the Quality is Satisfactory
37	Supply of 3 Mtr Powder Coated Aluminium Pole with 60W Light and strip wattage of 20W, dimension of pole 3mm gage with 80x120mm with Body Colour Grey with	Nos	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
38	Fabricating, Supplying and errection of decorative bent type Conical Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS	Nos	72.00	Work done upto the Billed Quantity and the Quality is Satisfactory
39	Laying of UG Cables by Trenches technology by adopting horizontal boring & Drawing of Cable including preparation at site with HDPE Pipe i) Normal soil 5/6"	mtrs	170.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E1	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and	Nos	981.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E2	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as	Sqm	756.00	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANT Bangalore

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